

# **JOB GROWTH & OPPORTUNITIES IN HEALTHCARE IN SAN DIEGO**

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**HOSPITAL ASSOCIATION**  
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# Quick Glimpse – Healthcare Employment

Nationwide, the healthcare industry created 22,600 jobs in December – 314,700 for all of 2011.

The healthcare sector accounted for nearly 1 of every 5 new jobs in the overall economy, Bureau of Labor Statistics shows.

Hospitals created 9,800 new jobs in December, and 89,100 jobs in 2011 – more than double the 37,300 jobs hospitals created in 2010.



# Quick Glimpse – Healthcare Employment

More than 14.2 million people worked in the healthcare sector at the end of 2011 – 4.8 million in hospitals and more than 6.2 million jobs in ambulatory services, which includes 2.3 million jobs in physicians' offices.

The 314,700 jobs created by healthcare represent 19% of the 1.6 million jobs created in the overall economy in 2011.



# Quick Glimpse – Healthcare Spending

Public and private healthcare spending totaled \$2.6 trillion, representing 17.9% of the U.S. economy in 2010.

Healthcare spending increased 3.9% in 2010. The 3.8% increase in healthcare spending in 2009 is the smallest rise in the 51 years, as tracked by the federal Centers for Medicare and Medicaid.



# Job Creation Drivers in Healthcare

Healthcare Reform – Cost, Access, Quality

Aging of Population – Life Expectancy  
Increasing

Technology – Diagnostic and therapeutic  
services, molecular/biological genetics, and  
information technology



# Healthcare Employment Settings

Healthcare employment is primarily in the following settings:

- Hospitals
- Nursing and residential care facilities
- Physician offices – single and group practices
- Dental offices
- Home healthcare services
- Offices of other health practitioners – pharmacy and lab services
- Outpatient care centers : hospitals and community-based clinics
- Other ambulatory healthcare services
- Medical and diagnostic laboratories
- Administrative Support
- Health Plan Administration



# Developments Impacting Job Creation

Economy and efficiency is shaping the healthcare industry.

- Growing emphasis on providing services on an outpatient, ambulatory basis
- Increased use of integrated delivery systems
  - Combine two or more segments of the industry to increase efficiency through the streamlining of functions
- Emphasis on preventive care
  - Reduces the potential cost of undiagnosed, untreated medical conditions



# Developments Impacting Job Creation

Quality care and outcome measures advance new procedures and methods of diagnosis and treatment.

- Infection control
- Less invasive surgical techniques
- Advances in reproductive technology
- Gene therapy for cancer treatment

Enhancements in medical technology have improved survival rates of trauma victims and the severely ill.

- Extensive care from therapists and social workers is required
- New technologies will identify and treat conditions that were previously untreatable





# Developments Impacting Job Creation

Implementing information technology continues to improve patient care and worker efficiency.

- Hand-held /bedside computers that record notes on each patient
- Automated medication systems
- Integrated electronic ordering of results reporting
  - Reduces recordkeeping errors/redundancy
  - Provides a perpetual recording of care

Enrollment in managed care programs continues to grow.

- Preferred provider organizations
- Health maintenance organizations
- Hybrid plans
- Point-of-service programs



# Future Outlook

Industry growth also will occur as a result of the shift from inpatient to economically efficient outpatient and home healthcare settings.

- Improvements in diagnostic tests and in-home monitoring
- Improvements in surgical procedures
- Patients' desires to be treated at home
- Medical group practice and integrated health system growth increase the need for administrative support workers
- Employment in home healthcare and nursing and residential care should increase rapidly as life expectancies rise, and as aging children are less able to care for their parents and rely more on long-term care facilities



# Future Outlook

In a 2010 survey of California hospitals, aging workforce and healthcare reform were identified as the top long-term concerns relative to workforce supply. Anticipated retirements through 2015 were identified to be highest in the following selected occupations:

- Clinical Lab Scientist
- Respiratory Therapist
- Pharmacist
- Radiological Technologist
- Pharmacy Technician
- Physical Therapist
- Medical Lab Technician
- CT Technologist
- Nuclear Medicine Technologist
- Ultrasound Technologist



# Future Outlook

Healthcare information specialists are also required to support new communications and monitoring technologies, increased record keeping and IT infrastructure:

Health Information Directors  
Software Engineering  
Health Information Technician



# San Diego County Impact

## Major capital projects:

- \$900 million – Palomar Pomerado Health West project
- \$200 million – Scripps Memorial Hospital Encinitas expansion
- \$430 million – Cardiovascular Institute (part of \$700 million renovation of Scripps Memorial Hospital La Jolla)

The healthcare industry is anticipating the release of pent up demand as employment improves and additional demand from newly-insured patients as a result of health care reform (400-500K newly-insured in San Diego County in 2014).



# San Diego County Impact

## Major grant projects: Bridges to Employment / San Diego Workforce Partnership

- \$25 million over 5 years – serving 500 clients/year
- HHS grant – only one in California
- Focus on career pathways and life-long learning
- 20 health occupations targeted

## Transitions to Care Grant

- Healthcare and social aging partnerships to provide right care at the right time to our community means a greater need for “care coordinators”.

## Innovations Grant

- Opportunity to treat patients in early stages of need, keeping San Diego healthy with a focus on training of community care integrators



# Questions?

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